



AFW CE
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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

42

Application Number

10/805,176

Filing Date

March 19, 2004

First Named Inventor

Reid H. Bowman et al.

Art Unit

1724

Examiner Name

Unknown

Attorney Docket Number

27566-6

ENCLOSURES (Check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | - Return Receipt Postcard |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | - Form PTO 2038 |
| - 1 non-patent reference | <input type="checkbox"/> CD, Number of CD(s) _____ | - Executed Declaration |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Landscape Table on CD | |
| <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application | Remarks | |
| <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Benesch, Friedlander, Coplan & Aronoff, LLP		
Signature			
Printed name	Gregory S. Kolocouris		
Date	December 2, 2004	Reg. No.	47,714

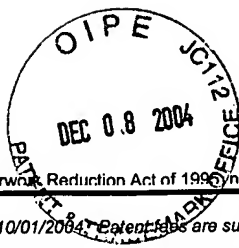
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Leslie Ann Kuder	Date	December 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (11-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 10/01/2004, Patent fees are subject to annual revision.

FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,225.00

Complete if Known

Application Number	10/805,176
Filing Date	March 19, 2004
First Named Inventor	Reid H. Bowman et al.
Examiner Name	Unknown
Art Unit	1724
Attorney Docket No.	27566-6

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit
Account
Number
Deposit
Account
Name

Benesch, Friedlander

02-2051

The Director is hereby authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below
- ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☒ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid(\$)
Utility Filing Fee	790	395	395.00
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

Subtotal (1) \$ 395.00

FEE CALCULATION (continued)**2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP = 0	x	=	0
HP = highest number of total claims paid for, if greater than 20			

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP = 0	x	=	0
HP = highest number of independent claims paid for, if greater than 3			

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

Subtotal (2) \$ 0

3. OTHER FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid(\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	765.00
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other: Response to Missing Parts			65.00

Subtotal (3) \$ 830.00

SUBMITTED BY

Signature

Registration No. 47,714
(Attorney/Agent)

Telephone 216-363-4453

Name (Print/Type)

Gregory S. Kolocouris

Date December 2, 2004

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Reid H. Bowman et al.

TITLE : SYSTEM AND METHOD FOR REMEDIATING
CONTAMINATED SOIL AND GROUNDWATER
IN SITU

SERIAL NO. : 10/805,176

FILING DATE : March 19, 2004

CONFIRMATION NO. : 1724

ATTORNEY DOCKET NO. : 27566.6

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NON-PROVISIONAL APPLICATION**

Dear Sir:

In response to the Notice to File Missing Parts with a date of mailing of June 3, 2004, enclosed are the following items:

1. Fee Transmittal;
2. PTO Form 2038 (Credit Card Authorization Form) Charging the \$65.00 Fee Due;
3. Request for 4 month extension of time;
4. Copy of the Notice to File Missing Parts;
5. Copy of a properly executed Combined Declaration and Power of Attorney; and


6. Return Receipt Postcard.

The foregoing submission is believed to meet the requirements of the Notice to File Missing Parts. The Commissioner is authorized to charge any additional fees or credit any overpayments to Deposit Account No. 02-2051, identifying our Docket No. 27566-6.

Respectfully submitted,

Dated: December 2, 2004

By:



Gregory S. Kolocouris
Registration No. 47,714

BENESCH, FRIEDLANDER
COPLAN & ARONOFF LLP
2300 BP Tower
200 Public Square
Cleveland, OH 44114-2378
(216) 363-4453



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

DEC 08 2004

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/805,176	03/19/2004	Reid H. Bowman	27566.6

21130

BENESCH, FRIEDLANDER, COPLAN & ARONOFF LLP
 ATTN: IP DEPARTMENT DOCKET CLERK
 2300 BP TOWER
 200 PUBLIC SQUARE
 CLEVELAND, OH 44114

CONFIRMATION NO. 7417

FORMALITIES LETTER



OC000000012857109

Date Mailed: 06/03/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$36 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$486 for a Small Entity

- \$385 Statutory basic filing fee.
- \$65 Late oath or declaration Surcharge.

12/09/2004 EAREGAY1 00000032 10805176

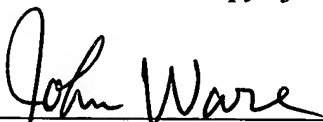
01 FC:2001
02 FC:2051395.00 OP
65.00 OP

- Total additional claim fee(s) for this application is \$36

- \$36 for 4 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE